

Abstract of the Disclosure

The present invention pertains to an orthopedic support having a flexible inner member and an exo-skeleton that is molded directly onto the flexible inner member. One aspect of the invention relates to a wrist support having a thumb spica. The wrist support includes a molded plastic exostructure supplying support for resisting motion of said wrist. An inner fabric support is attached to said molded exostructure for providing cushioning to the wrist area. A separate, attachable thumb spica member is provided for optionally configuring the wrist support to include a thumb spica. Other embodiments include an orthopaedic support having an attachable stay; a web bridge that extends across and supports the web of the hand; an adjustable wrist support having an adjustable forearm portion that can accommodate various sizes of forearms; a wrist brace having a space to accommodate the web of the hand; and a support having an interior padding member, with the padding member itself having a support structure molded onto the padding. Another aspect of the invention relates to a method of molding the exostructure onto a central core that is placed inside a mold.